

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7011047".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:47
L2	1283	122/379.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:48
L3	0	122/379.ccls. and dotanation and cleaning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:49
L4	17	122/379.ccls. and detonation and cleaning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:50
L5	887	15/316.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:55
L6	1608	134/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 11:56
S1	0	("(567160050164375206176708437 82005018934359881644285326500 20304622051485843243856614516 56245235295218818355450737944 59401218940365934061463408963 74248206424818042573594266968 RE306824303386433342443411844 34428043501334353260435697043 59040438467943877004404953441 49574424768442699244360804444 72444508244453525446165144663 40448653544871374498784450383 64506505).pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 10:57

## EAST Search History

S2	112	("5671600" "5016437" "5206176" "7084378" "20050189343" "5988164" "4285326" "5002030" "4622051" "4858432" "4385661" "4516562" "4523529" "5218818" "3554507" "3794459" "4012189" "4036593" "4061463" "4089637" "4248206" "4248180" "4257359" "4266968" RE30682 "4303386" "4333424" "4341184" "4344280" "4350133" "4353260" "4356970" "4359040" "4384679" "4387700" "4404953" "4414957" "4424768" "4426992" "4436080" "4444724" "4450824" "4453525" "4461651" "4466340" "4486535" "4487137" "4498784" "4503836" "4506505" ). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 10:59
S3	96	("4574711" "4596277" "4605535" "4620516" "4779608" "4809506" "4811723" "4813233" "4836988" "4849274" "4857075" "4881522" "4890455" "4902309" "4952218" "4979676" "4998439" "5222447" "5261389" "5295449" "5347977" "5379728" "5389022" "5425239" "5466064" "5490775" "5500030" "5511582" "5515814" "5517976" "5520535" "5562438" "5655513" "5655514" "5681162" "5728183" "5778674" "5816217" "5823759" "5871343" "5890359" "5979185" "6029910" "6047685" "6065688" "6076745" "6085525" "6126438"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 11:26
S4	4	("6125829" "6136158").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 11:27
S5	465	431/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 11:44
S6	268	431/3.ccls. not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 11:44

## EAST Search History

S7	0	("2006/0005786").URPN.	USPAT	OR	OFF	2007/02/05 13:12
S8	112	("5671600" "5016437" "5206176" "7084378" "20050189343" "5988164" "4285326" "5002030" "4622051" "4858432" "4385661" "4516562" "4523529" "5218818" "3554507" "3794459" "4012189" "4036593" "4061463" "4089637" "4248206" "4248180" "4257359" "4266968" RE30682 "4303386" "4333424" "4341184" "4344280" "4350133" "4353260" "4356970" "4359040" "4384679" "4387700" "4404953" "4414957" "4424768" "4426992" "4436080" "4444724" "4450824" "4453525" "4461651" "4466340" "4486535" "4487137" "4498784" "4503836" "4506505" ). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 13:14
S9	96	("4574711" "4596277" "4605535" "4620516" "4779608" "4809506" "4811723" "4813233" "4836988" "4849274" "4857075" "4881522" "4890455" "4902309" "4952218" "4979676" "4998439" "5222447" "5261389" "5295449" "5347977" "5379728" "5389022" "5425239" "5466064" "5490775" "5500030" "5511582" "5515814" "5517976" "5520535" "5562438" "5655513" "5655514" "5681162" "5728183" "5778674" "5816217" "5823759" "5871343" "5890359" "5979185" "6029910" "6047685" "6065688" "6076745" "6085525" "6126438"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 13:14
S10	465	431/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 13:14
S11	268	431/3.ccls. not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 13:14

## EAST Search History

S12	655	431/1 not S11 not S8 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:24
S13	6	"431"/\$.ccls. and detonation same cleaning same (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:27
S14	17	"122"/\$.ccls. and detonation same cleaning same (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:45
S15	22	("20020112638"   "2949282"   "3216046"   "3747963"   "4359800"   "4545329"   "4765394"   "4767138"   "4813688"   "4905900"   "5237718"   "5401062"   "5494004"   "5558341"   "5709544"   "6202981"   "6438191"   "6513982"   "6684823"   "6712403").PN. OR ("7047908"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 14:31
S16	1	"15"/\$.ccls. and detonation same cleaning same (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:43
S17	6	"134"/\$.ccls. and detonation same cleaning same (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:43
S18	1	"122"/\$.ccls. and elongated and conduit and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/05 14:47

## EAST Search History

S20	18	"122"/\$.ccls. and (conduit or pipe or tube) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 14:58
S21	9	("1791559"   "1990058"   "2032390"   "2515028").PN. OR ("4413591").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/05 14:50
S22	5	"431"/\$.ccls. and (conduit or pipe or tube) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 18:08
S23	38	"15"/\$.ccls. and (conduit or pipe or tube) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 15:01
S24	1	"431"/\$.ccls. and (soot with blow\$2) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:13
S25	0	"122"/\$.ccls. and (soot with blow\$2) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:14
S26	3	"15"/\$.ccls. and (soot with blow\$2) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:15
S27	0	"134"/\$.ccls. and (soot with blow\$2) and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:15
S28	6	"122"/\$.ccls. and conduit and spring with hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 17:37

## EAST Search History

S29	2	"5741130".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 18:09
S30	2	"5864517".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 18:10
S31	2	"6446428".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 18:11
S32	2	"5769034".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 10:57